

Figure 1

Primate Laser Experimental Design

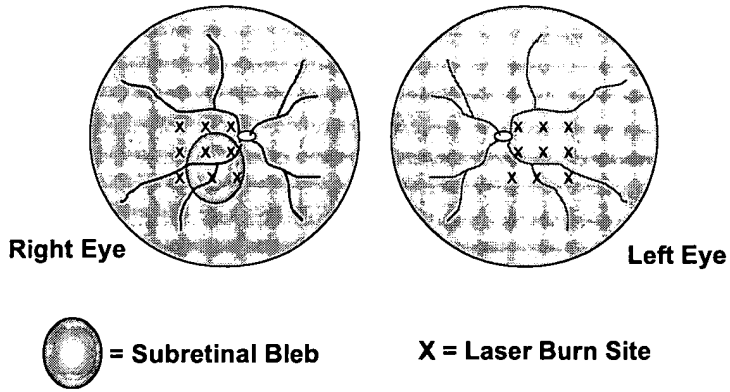


Figure 2

Primate Laser Experimental Design Angiographic Grading

- Stage 1 – Hyperfluorescence without leakage
- Stage 2 – Hyperfluorescence with early/mid leakage
- Stage 3 - Hyperfluorescence with late leakage

Primate Laser Experimental Design Angiographic Grading

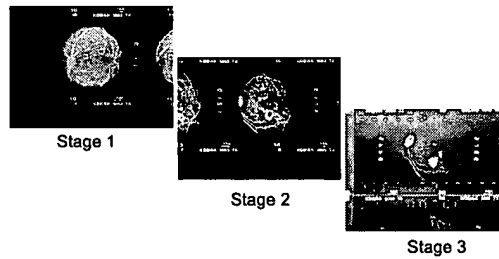
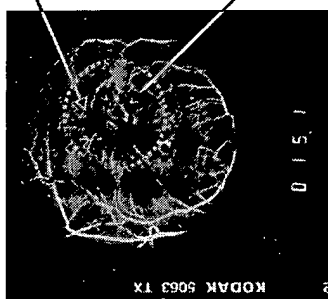


Figure 3

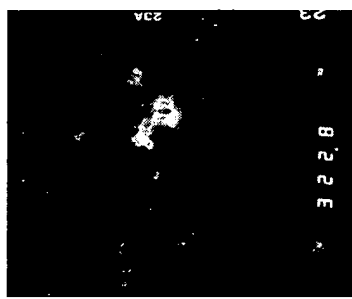
Control Primate (LV-eGFP)

Area of Sub-
retinal injection

Laser Induced SRN



15 post injection sec



322 post injection sec

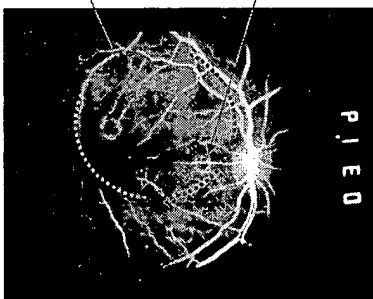
Figure 4

K1-5 Treated Primate (LV-K1-5)

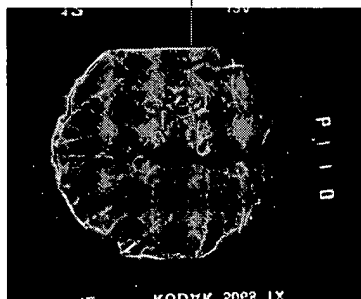
Area of Sub-
retinal injection

No SRN at
Laser Sites

Laser Induced SRN



Right Eye

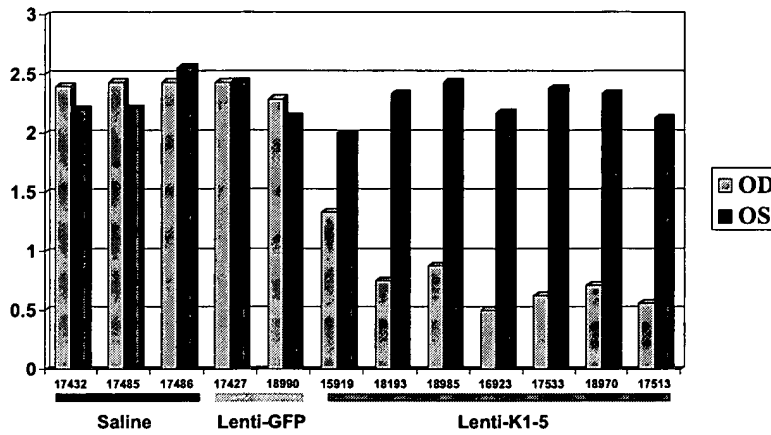


Left Eye

Figure 5



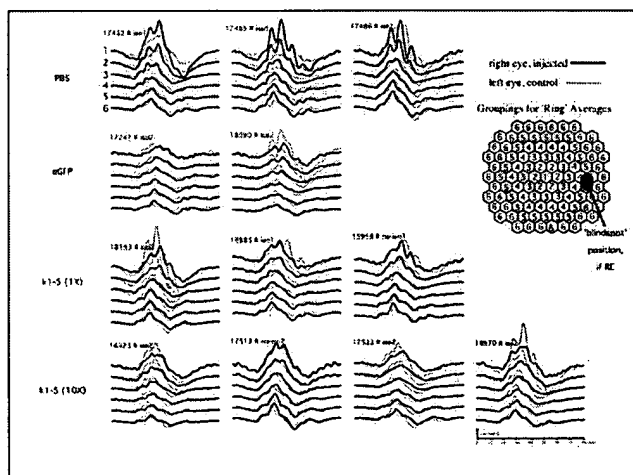
Average Stage of SRN Primate K-1-5 Lentiviral Treatment



OD (oculus dexter) is right eye; OS (oculus sinister) is left eye.

Figure 6

Electroretinography (ERG) of Lentiviral K1-5 Primates



Bilateral multifocal ERGs were obtained for all primates treated with lentiviral vectors and were compared with saline treated controls. No differences were noted.

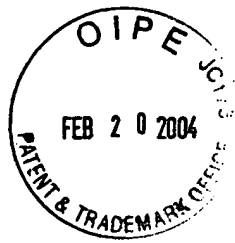


Figure 7

Primate Laser Experimental Design 6 Month Delay Experiment

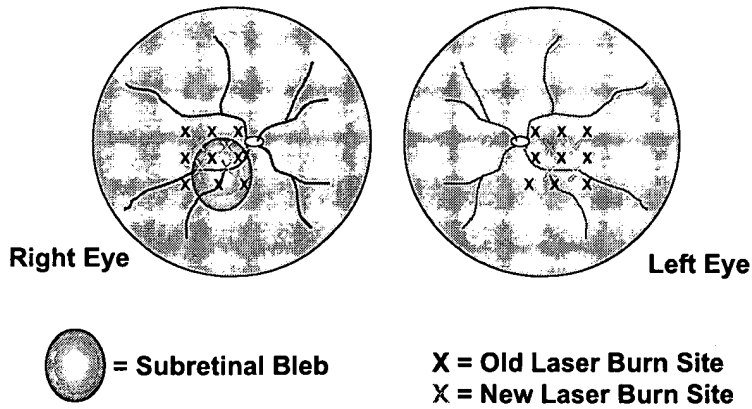
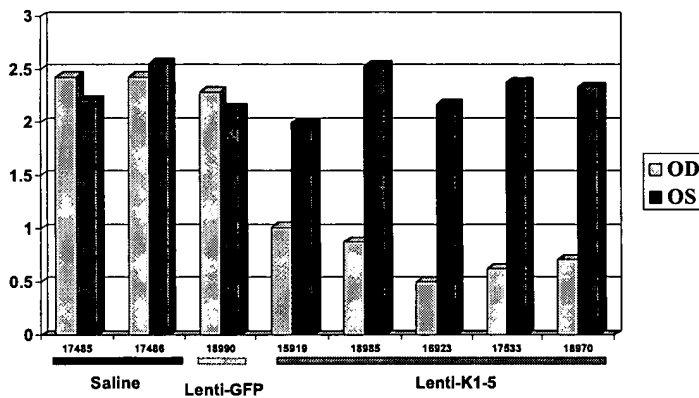


Figure 8

Average Stage of SRN Primate K-1-5 Lentiviral Treatment 6 Month Delay Experiment



OD (oculus dexter) is right eye; OS (oculus sinister) is left eye.